**AMENDMENTS TO THE CLAIMS**

1. (currently amended) A method for image processing of a digital image ~~(38)~~ comprising pixels having characteristics, comprising applying an image processing filter ~~(17)~~ as a function of the characteristics of each pixel to be processed, a first set of target image characteristics, a first received adjustment parameter associated with the first set of target image characteristics, a second set of target image characteristics, and a second received adjustment parameter associated with the second set of target image characteristics.

2. (previously presented) The method of claim 1, where either the first set of target image characteristics, or the second set of target image characteristics, or both, are received.

3. (previously presented) The method of claim 1 wherein the image processing filter is a noise reduction filter, a sharpening filter, or a color change filter.

4. (previously presented) The method of claim 1 further comprising receiving one or more third sets of target image characteristics, and one or more third adjustment parameters, each of the third adjustment parameters being associated with one of the third sets of target image characteristics, and wherein the application of the image processing filter is also a function of the one or more third sets of target image characteristics, and the associated third adjustment parameters.

5. (previously presented) The method of claim 1 where either, or both, of the received adjustment parameters is an opacity parameter or a luminosity parameter.

6. (previously presented) The method of claim 1 further comprising the step of providing a graphic user interface for receiving the first set of target image characteristics, the second set of target image characteristics, the first adjustment parameter, and the second adjustment parameter.

7. (previously presented) The method of claim 6, where the graphic user interface for receiving either of the adjustment parameters comprises a slider.

8. (previously presented) The method of claim 1 wherein the first set of target image

characteristics, or the second set of target image characteristics, comprises an image coordinate, a color, or an image structure.

9. (canceled)

10. (previously presented) The method of claim 6, where the graphic user interface comprises indicia representing target image characteristics.

11. (previously presented) The method of claim 6, where the graphic user interface comprises a tool to determine the pixel characteristics of an image pixel.

12. (previously presented) The method of claim 1 further comprising the step of providing camera-specific default settings.

13. (currently amended) A~~n~~ graphic user ~~application program~~ interface embodied on a computer-readable medium ~~(106)~~ for execution on a computer ~~(34)~~ for image processing of a digital image ~~(38)~~, the digital image comprising pixels having characteristics, comprising:

a first interface to receive a first set of target image characteristics;

a second interface to receive a second set of target image characteristics;

a third interface to receive a first adjustment parameter associated with the first set of target image characteristics; and

a fourth interface to receive a second adjustment parameter associated with the second set of target image characteristics.

14. (currently amended) The graphic user ~~application program~~ interface of claim 13, further comprising a fifth interface comprising indicia representing the first set of target image characteristics, and a sixth interface comprising indicia representing the second set of target image characteristics.

15. (currently amended) The graphic user ~~application program~~ interface of claim 13, further comprising a tool to determine the pixel characteristics of an image pixel.

16. (currently amended) The graphic user ~~application program~~ interface of claim 13, where the third interface and the fourth interface each comprise a slider.

17. (currently amended) A system ~~(100)~~ for image processing of a digital image ~~(38)~~, the

digital image comprising pixels having characteristics, comprising:

a processor ~~(102)~~,

a memory ~~(104)~~ in communication with the processor, and

a computer readable medium ~~(106)~~ in communication with the processor, the computer readable medium having contents for causing the processor to perform the steps of:

receiving a first set of target image characteristics;

receiving a first adjustment parameter associated with the first set of target image characteristics;

receiving a second set of target image characteristics;

receiving a second adjustment parameter associated with the second set of target image characteristics;

determining for each pixel to be processed, the correspondence between the characteristics of that pixel, the first set of target image characteristics, and second set of target image characteristics; and

processing the digital image by applying the image processing filter as a function of the determined correspondence, the first received adjustment parameter, and the second received adjustment parameter.

18. (previously presented) The system of claim 17, the computer readable medium further having contents for causing the processor to perform the steps of receiving one or more third sets of target image characteristics, and one or more third adjustment parameters, each of the third adjustment parameters being associated with one of the third sets of target image characteristics, and the processing step further comprising applying the image processing filter as a function of the one or more third sets of target image characteristics, and the one or more associated third adjustment parameters.

19. (original) The system of claim 17, further comprising a set of camera-specific default instructions embodied on a computer-readable medium for execution on a computer.

20. (currently amended) A set of camera-specific default instructions embodied on a computer-readable medium ~~(106)~~ for execution on a computer ~~(34)~~ for image processing of a digital image ~~(38)~~, using the method of claim 1.

21. (currently amended) A set of camera-specific default instructions for setting the state of the graphic user ~~application program~~ interface of claim 13, embodied on a computer-readable medium ~~(106)~~ for execution on a computer.

Claims 22 - 31 (canceled)